

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|---|------|-----|------|---|---|---------------------|----------|------------------|--------|
| 1 | BRS | L1 | 1452 | (polish\$3 with (slurry or composition or system)) same ((polymer with "highly branched") or copolymer or dendritic or comb or graft or random or curtain or "bottle brush" or diblock) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:51 | | | |
| 2 | BRS | L2 | 1180 | 1 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:51 | | | |
| 3 | BRS | L3 | 0 | 2 and "4511"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:26 | | | |
| 4 | BRS | L4 | 146 | 2 and "451"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:27 | | | |
| 5 | BRS | L5 | 16 | (polish\$3 with (slurry or composition or system)) same (polymer with "highly branched" or branching) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:53 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|---|---|---------------------|----------|------------------|--------|
| 6 | BRS | L6 | 10 | 5 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:58 | | | |
| 7 | BRS | L7 | 2 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or (polish\$3 with (slurry or composition)))) same (polymer with ("highly branched" or branching)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:58 | | | |
| 8 | BRS | L8 | 4 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or (polish\$3 with (slurry or composition or system)))) same (polymer with ("highly branched" or branching)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:57 | | | |
| 9 | BRS | L9 | 2 | 8 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 15:59 | | | |
| 10 | BRS | L10 | 9 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition)))) same (polymer with ("highly branched" or branching)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:01 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|-------|---|---|---------------------|----------|------------------|--------|
| 11 | BRS | L11 | 7 | 10 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:04 | | | |
| 12 | BRS | L12 | 29240 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition)))) same ((polymer with (dendritic or comb or "bottle brush") or (dendrimer diblock copolymer) or (linear dendrimer triblock copolymer) or (random branched polymer))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:05 | | | |
| 13 | BRS | L13 | 23192 | 12 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:06 | | | |
| 14 | BRS | L14 | 2080 | 13 and "438"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:07 | | | |
| 15 | BRS | L15 | 747 | 13 and "252"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:05 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|---|---|---------------------|----------|------------------|--------|
| 16 | BRS | L16 | 3692 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) same ((polymer with (dendritic or comb or "bottle brush")) or (dendrimer diblock copolymer) or (linear dendrimer triblock copolymer) or (random branched polymer)) same (pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:09 | | | |
| 17 | BRS | L17 | 976 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) same ((polymer with (dendritic or comb or "bottle brush")) or (dendrimer diblock copolymer) or (linear dendrimer triblock copolymer) or (random branched polymer)) same (pad) same (abrasive or "metal oxide") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:06 | | | |
| 18 | BRS | L18 | 628 | 17 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:10 | | | |
| 19 | BRS | L19 | 2250 | 13 and "451"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:10 | | | |
| 20 | BRS | L20 | 360 | 18 and "451"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:07 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|--|---|---------------------|----------|------------------|--------|
| 21 | BRS | L21 | 112 | 18 and "438"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:07 | | | |
| 22 | BRS | L22 | 13 | 18 and "252"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:08 | | | |
| 23 | BRS | L23 | 2412 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) same ((polymer with (dendritic or comb or "bottle brush")) or (dendrimer diblock copolymer) or ("linear dendrimer triblock copolymer") or (random branched polymer)) same (pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:19 | | | |
| 24 | BRS | L24 | 1561 | 23 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:21 | | | |
| 25 | BRS | L25 | 600 | 24 and "451"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:46 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|--|---|---------------------|----------|------------------|--------|
| 26 | BRS | L27 | 28 | 24 and "252"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:21 | | | |
| 27 | BRS | L26 | 287 | 24 and "438"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:14 | | | |
| 28 | BRS | L28 | 2412 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) same ((polymer adj (dendritic or comb or "bottle brush")) or (dendrimer diblock copolymer) or ("linear dendrimer triblock copolymer") or (random branched polymer)) same (pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:30 | | | |
| 29 | BRS | L29 | 2412 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) same (("dendritic polymer" or "comb polymer" or "bottle brush polymer") or (dendrimer diblock copolymer) or ("linear dendrimer triblock copolymer") or (random branched polymer)) same (pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:21 | | | |
| 30 | BRS | L30 | 1483 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) with (("dendritic polymer" or "comb polymer" or "bottle brush polymer") or (dendrimer diblock copolymer) or ("linear dendrimer triblock copolymer") or (random branched polymer)) same (pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:24 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|---|---|---------------------|----------|------------------|--------|
| 31 | BRS | L31 | 939 | 30 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:46 | | | |
| 32 | BRS | L32 | 15 | 31 and "252"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:21 | | | |
| 33 | BRS | L33 | 0 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) with (("dendritic polymer" or "comb polymer" or "bottle brush polymer") or ("dendrimer diblock copolymer") or ("linear dendrimer triblock copolymer") or ("random branched polymer"))) same (pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:25 | | | |
| 34 | BRS | L34 | 1 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) and ("polyethylene oxide polyamidoamine" or "PEO PAMAM")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:28 | | | |
| 35 | BRS | L35 | 1 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) and ("polyethylene oxide polypropylene oxide polyamidoamine" or "PEO PPO PAMAM")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:29 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|---|---|---------------------|----------|------------------|--------|
| 36 | BRS | L36 | 29 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) and (polymer adj dendritic)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:45 | | | |
| 37 | BRS | L37 | 14 | 36 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:30 | | | |
| 38 | BRS | L38 | 51 | ((((chemical\$3 adj mechanical\$3) adj (polish\$3 or planariz\$5)) or polish\$3 or planariz\$5 or (polish\$3 with (slurry or composition))) and ((polymer adj dendritic) or "dendritic polymer")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 17:06 | | | |
| 39 | BRS | L40 | 0 | 39 and "451"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:46 | | | |
| 40 | BRS | L41 | 1 | 39 and "438"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:48 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|---|---|---------------------|----------|------------------|--------|
| 41 | BRS | L42 | 0 | 39 and "252"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 16:48 | | | |
| 42 | BRS | L39 | 24 | 38 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 17:32 | | | |
| 43 | BRS | L43 | 1 | (polish\$3 or planariz\$5) same ((polymer adj dendritic) or "dendritic polymer") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 17:07 | | | |
| 44 | BRS | L44 | 51 | (polish\$3 or planariz\$5) and ((polymer adj dendritic) or "dendritic polymer") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 17:08 | | | |
| 45 | BRS | L45 | 24 | 44 and @pd<="20040609" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 17:08 | | | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|-----|------|-------------------------|---|---------------------|----------|------------------|--------|
| 46 | BRS | L46 | 22 | 38 and @pd<="20040109" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 19:07 | | | |
| 47 | BRS | L48 | 3 | SUN-FRED-F.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 19:08 | | | |
| 48 | BRS | L47 | 34 | MOEGGENBORG-KEVIN-J.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/06/03 19:09 | | | |